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NEWS	1			Web Page for STN Seminar Schedule - N. America
NEWS	2	NOV	21	CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-, and Japanese-language basic patents from 2004-present
NEWS	3	NOV	26	MARPAT enhanced with FSORT command
NEWS	4	NOV	26	CHEMSAFE now available on STN Easy
NEWS	5	NOV	26	Two new SET commands increase convenience of STN searching
NEWS	6	DEC	01	ChemPort single article sales feature unavailable
NEWS	7	DEC	12	GBFULL now offers single source for full-text coverage of complete UK patent families
NEWS	8	DEC	17	Fifty-one pharmaceutical ingredients added to PS
NEWS	9	JAN	06	The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo
NEWS	10	JAN	07	WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data
NEWS	11	FEB	02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS	12	FEB	02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS	13	FEB	06	Patent sequence location (PSL) data added to USGENE
NEWS	14	FEB	10	COMPENDEX reloaded and enhanced
NEWS	15	FEB	11	WTEXTILES reloaded and enhanced
NEWS	16	FEB	19	New patent-examiner citations in 300,000 CA/CAPLUS patent records provide insights into related prior art
NEWS	17	FEB	19	Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS	18	FEB	23	Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS	19	FEB	23	MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS	20	FEB	23	TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS	21	FEB	23	Three million new patent records blast AEROSPACE into STN patent clusters
NEWS	22	FEB	25	USGENE enhanced with patent family and legal status display data from INPADOCDB
NEWS	EXPRESS	JUNE	27 08	CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.
NEWS	HOURS			STN Operating Hours Plus Help Desk Availability
NEWS	LOGIN			Welcome Banner and News Items
NEWS	IPC8			For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:03:21 ON 02 MAR 2009

=> File CAPLUS

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FULL ESTIMATED COST	0.22	0.22

FILE 'CAPLUS' ENTERED AT 15:03:46 ON 02 MAR 2009

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FILE COVERS 1907 - 2 Mar 2009 VOL 150 ISS 10

FILE LAST UPDATED: 1 Mar 2009 (20090301/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s BaAl12019

L1 151 BAAL12019

=> s L1 and electron source

1526322 ELECTRON

284276 ELECTRONS

1616597 ELECTRON

(ELECTRON OR ELECTRONS)

774349 SOURCE

369839 SOURCES

1021228 SOURCE

(SOURCE OR SOURCES)

7696 ELECTRON SOURCE

(ELECTRON(W) SOURCE)

L2 0 L1 AND ELECTRON SOURCE

=> S L1 and schottky electron

```

30718 SCHOTTKY
    2 SCHOTTKIES
30718 SCHOTTKY
    (SCHOTTKY OR SCHOTTKIES)
1526322 ELECTRON
284276 ELECTRONS
1616597 ELECTRON
    (ELECTRON OR ELECTRONS)
    82 SCHOTTKY ELECTRON
        (SCHOTTKY(W)ELECTRON)
L3      0 L1 AND SCHOTTKY ELECTRON

=> S (molybdenum or tungsten or w or Mo) and single crystal
    254535 MOLYBDENUM
        36 MOLYBDENUMS
    254540 MOLYBDENUM
        (MOLYBDENUM OR MOLYBDENUMS)
    214173 TUNGSTEN
        31 TUNGSTENS
    214177 TUNGSTEN
        (TUNGSTEN OR TUNGSTENS)
    445738 W
    546934 MO
        64007 MOS
    607545 MO
        (MO OR MOS)
    1487776 SINGLE
        3562 SINGLES
    1490791 SINGLE
        (SINGLE OR SINGLES)
    1450897 CRYSTAL
        713763 CRYSTALS
    1763274 CRYSTAL
        (CRYSTAL OR CRYSTALS)
    280904 SINGLE CRYSTAL
        (SINGLE(W)CRYSTAL)
L4      19030 (MOLYBDENUM OR TUNGSTEN OR W OR MO) AND SINGLE CRYSTAL

=> S L1 and L4
L5      1 L1 AND L4

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=> display L5 total ibib abs

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L5  ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER:      1962:473324  CAPLUS
DOCUMENT NUMBER:       57:73324
ORIGINAL REFERENCE NO.: 57:14566a-c
TITLE:                  Fluoride ion compensated substitutions of bivalent
                        cations in BaFe12O19 and other hexagonal oxides
AUTHOR(S):              Banks, E.; Robbins, M.; Tauber, A.
CORPORATE SOURCE:       Polytech. Inst. of Brooklyn, Brooklyn, NY
SOURCE:                  Journal of the Physical Society of Japan (1962),
                        17(Suppl. B-I), 196-200
                        CODEN: JUPSAU; ISSN: 0031-9015
DOCUMENT TYPE:          Journal
LANGUAGE:               Unavailable
AB  Samples of hexagonal, magnetoplumbite-type oxides were prepared, with
    bivalent cations and fluoride substituted for trivalent cations and O,
    having the general BaMIIxMIIII12-xO19-xFx, where MIII = Al+++, Ga+++,
    formula and Fe+++, and MII = Ni++, Co++, Cu++, and Zn++. Optical spectra
    show that the M++ preferentially occupy tetrahedral sites in the Al
    samples, and octahedral (Ni++) or tetrahedral (Co++) sites in the Ga

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samples. The powdered ferrites of the above series show an apparent increase in magnetization with increasing (Ni⁺⁺ + F⁻) concentration. Single crystals of the ferrites were grown from a NaFeO₂ flux, yielding the magnetoplumbite phase for (Cu⁺⁺ + F⁻)-substituted ferrites. For all (Ni⁺⁺ + F⁻) and high (Co⁺⁺ + F⁻)-substituted phases, the structure is that of the known W phase. Magnetization data in the easy direction show saturation moments in agreement with the assumption that charge-compensated Ni⁺⁺ is in tetrahedral sites with moments antiparallel to the net magnetization, while uncompensated Ni⁺⁺ is in octahedral positions with parallel moments.

=> log off

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

STN INTERNATIONAL LOGOFF AT 15:07:39 ON 02 MAR 2009